

Appl. No. 09/933,888
Amdt. dated March 2, 2004
Reply to Office action of September 3, 2003

Amendments to the Claims:

- C1
1. (Amended) A method of extracting relevant data, comprising:
accessing at least a first set of data of a first document, the first document including markup language, wherein the first set of data includes selected data of the first document, the selected data at least partly specifying document data;
accessing at least a second set of data of a second document, the second document including markup language;
determining an edit sequence for identifying and matching a similarity between at least part of the first set of data and at least part of the second set of data, the edit sequence including any of insertions, deletions, and substitutions; and
finding corresponding data of the second set of data to provide relevant data that may be extracted, the corresponding data having a correspondence to the selected data, the correspondence at least partly found by determining the edit sequence.
 2. (Original) The method of claim 1, wherein the edit sequence includes none of insertions, deletions, and substitutions.
 3. (Original) The method of claim 1, wherein the edit sequence includes at least one of one or more insertions, one or more deletions, and one or more substitutions.
 4. (Original) The method of claim 1, wherein the edit sequence is at least partly determined by calculating a total cost, and each of one or more of insertions, deletions, substitutions, and matches is associated with one or more costs.

5. (Amended) The method of claim 4, wherein the one or more costs are at least partly set in a manner to facilitate [encourage] the edit sequence to include one or more matches between at least some markup language from the selected data of the first document and at least some markup language from the second document, the markup language including text-based content and tags.

6. (Amended) The method of claim 4, wherein a first cost is associated with a first match at a first distance from a root of a tree representation of some set of data, a second cost is associated with a second match at a second distance from a root of a tree representation of some set of data, the first distance is less than the second distance, and the first cost and the second cost are set in a manner to facilitate [encourage] the first match more than the second match.

7. (Original) The method of claim 4, wherein a first cost is associated with a first insertion at a first distance from a root of a tree representation of some set of data, a second cost is associated with a second insertion at a second distance from a root of a tree representation of some set of data, the first distance is less than the second distance, and the first cost and the second cost are different.

8. (Original) The method of claim 4, wherein a first cost is associated with a first deletion at a first distance from a root of a tree representation of some set of data, a second cost is associated with a second deletion at a second distance from a root of a tree representation of some set of data, the first distance is less than the second distance, and the first cost and the second cost are different.

9. (Original) The method of claim 4, wherein a first cost is associated with a first substitution at a first distance from a root of a tree representation of some set of data, a second cost is associated with a second substitution at a second distance from a root of a tree representation of some set of data, the first distance is less than the second distance, and the first cost and the second cost are different.

10. (Amended) The method of claim 4, wherein a first cost is associated with a first text-based content substitution such that a first length of substituting text-based content is substantially equal to a first length of substituted text-based content, a second cost is associated with a second text-based content substitution such that a second length of substituting text-based content is substantially different from a second length of substituted text-based content, and the first cost and the second cost are set in a manner to inhibit [discourage] the second text-based content substitution more than the first text-based content substitution.

11. (Amended) The method of claim 4, wherein markup language includes at least text-based content and tags, and the one or more costs are at least partly set in a manner to inhibit [discourage] substitutions of text-based content for one or more tags.

12. (Amended) The method of claim 4, wherein markup language includes at least text-based content and tags, and the one or more costs are at least partly set in a manner to inhibit [discourage] substitutions of one or more tags for text-based content.

13. (Amended) The method of claim 4, wherein a first cost is associated with preserving a first tag with unchanged attributes, a second cost is associated with preserving a second tag with one or more changed attributes, and the first cost and the second cost are set in a manner to inhibit [discourage] preserving the second tag more than preserving the first tag.

14. (Original) The method of claim 1, wherein document data is at least partly from the first document.

15. (Original) The method of claim 1, wherein document data is at least partly from the second document.

16. (Original) The method of claim 1, wherein the second document is received if the second document is different from the first document.

17. (Original) The method of claim 1, wherein the markup language includes at least HTML (Hypertext Markup Language).

18. (Original) The method of claim 1, wherein the markup language includes at least one of XML, a subset of XML, and a specialization of XML (eXtensible Markup Language).

19. (Original) The method of claim 1 wherein the markup language includes at least WML (Wireless Markup Language).

20. (Original) The method of claim 1, wherein the markup language includes at least one of SGML, a subset of SGML, and a specialization of SGML (Standard Generalized Markup Language).